

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

17602 U.S. PTO
10/607629
06/27/03



Applicant: Jae-Hyun Ryou et al.

Serial No.: New Application

Examiner: unknown

Filing Date: June 27, 2003

Group Art: unknown

For: A DIELECTRIC VCSEL GAIN GUIDE

Docket No.: H0004606 (1139.1135101)

TRANSMITTAL SHEET

Mail Stop Patent Application
Assistant Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.10: The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV333851542US, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 27th day of June, 2003.

By Lynn Thompson
Lynn Thompson

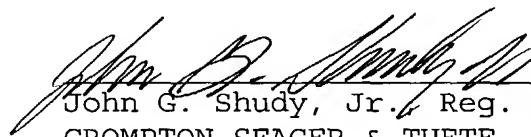
We are transmitting herewith the attached Patent Application including the following:

[X] 21 sheets of specification.
[X] 24 claims.
[X] 1 sheet of Abstract.
[X] 6 sheets of informal drawings.
[X] Executed Declaration and Power of Attorney.
[X] An Assignment of the invention to Honeywell International Inc. is being filed contemporaneous with this patent application.

CLAIMS AS FILED

| | (1) | (2) | SMALL ENTITY | | OTHER | |
|----------------------------------------|---------|---------|--------------|-------|----------|-------|
| FOR: | # FILED | # EXTRA | Rate | Fee | Rate | Fee |
| BASIC FEE | | | | \$370 | | \$750 |
| TOTAL CLAIMS | 24-20 = | 4 | x9= | \$ | x18= | \$72 |
| INDEPENDENT CLAIMS | 4-3 = | 1 | x42= | \$ | x84= | \$84 |
| () MULTIPLE DEPENDENT CLAIM PRESENTED | | | +140= | \$ | +280= | \$0 |
| TOTAL | | | \$ | | \$906.00 | |

- A copy of Fee Transmittal For FY 2003 authorizing payment of \$946.00 (\$750 filing fee) (\$ 156 claims) (\$40 recordation fee) to be deducted from Honeywell Deposit Account No. 01-1125.
- Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 01-1125.



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06/27/03

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Approved for use 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL For FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT \$946.00

COMPLETE IF KNOWN

| | |
|----------------------|-------------------------|
| Application No. | Not assigned |
| Filing Date | June 27, 2003 |
| First Named Inventor | Jae-Hyun Ryou et al. |
| Group Art Unit | Not assigned |
| Examiner Name | Not assigned |
| Attorney Docket No. | H0004606 (1139.1135101) |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other Deposit Account

Deposit Account Number 01-1125

Deposit Account Name Honeywell International Inc.

The Commissioner is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayment Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|------------------------------------|--------------|-----------------------------------------------------------|----------------|
| Fee Code \$ | Fee Code \$ | | |
| 1001 750 | 2001 376 | Utility Filing Fee | 750 |
| 1002 330 | 2002 165 | Design Filing Fee | |
| 1003 520 | 2003 260 | Plant Filing Fee | |
| 1004 750 | 2004 375 | Reissue Filing Fee | |
| 1006 160 | 2005 80 | Provisional Filing Fee | |
| SUBTOTAL (1) | \$750.00 | | |
| Total Claims 24 | +20= 44 | Extra Claims 4 | Fee from below |
| Independent Claims 4 | + 3 = 1 | x 14.00 | = 77 |
| Multiplying Independent Claims | - 0 - | x 44.00 | = 0 |
| | | 240.00 | |
| Large Entity | Small Entity | Fee Description | Fee Paid |
| Fee Code \$ | Fee Code \$ | | |
| 1202 18 | 2202 8 | Claims in excess of 20 | |
| 1201 84 | 2201 42 | Independent claims in excess of 3 | |
| 1203 280 | 2203 140 | Multiple dependent claim | |
| 1204 84 | 2204 42 | --Reissue independent claims over original patent | |
| 1205 18 | 2205 8 | --Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | \$906.00 | | |
| Other fee (specify) | | | |
| * Reduced by Basic Filing Fee Paid | | SUBTOTAL (3) | \$ 40.00 |

| Large Entity | Small Entity | Fee from below | Fee Paid |
|--------------------------------|--------------|----------------|----------|
| Total Claims 24 | +20= 44 | Extra Claims 4 | |
| Independent Claims 4 | + 3 = 1 | x 14.00 | = 77 |
| Multiplying Independent Claims | - 0 - | x 44.00 | = 0 |
| | | 240.00 | |

number previously paid, if greater, see above for Reissues

Complete (if applicable)

| | | | | | |
|---------------------|------------------|-----------------------------------|--------|-----------|--------------|
| Name (Print / Type) | Andrew A. Abeyta | Registration No. (Attorney/Agent) | 39,582 | Telephone | 602-313-3345 |
| Signature | | | | Date | 6-26-03 |

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